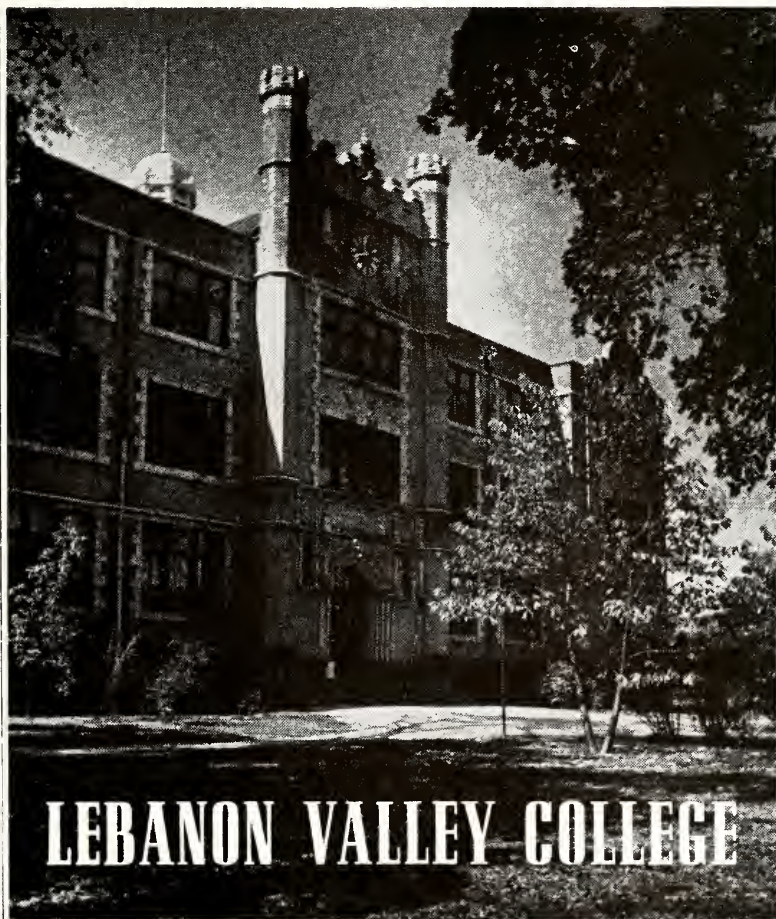


# **Summer School Bulletin 1951**



**Annville, Pennsylvania**



# LEBANON VALLEY COLLEGE SUMMER SCHOOL BULLETIN 1951

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## Calendar

June 11 .....	Registration
June 12 .....	Classes Conven
August 31 .....	Closing Date

Students may register for the twelve weeks' Summer Session  
or for the first six weeks or the last six weeks only.



## LEBANON VALLEY COLLEGE BULLETIN

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NUMBER 3

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ANNVILLE, PENNSYLVANIA

D. Clark Carmean, Editor; Dr. George G. Struble, Chairman, Publications  
Committee

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# Faculty

## SUMMER SESSION

- FREDERICK K. MILLER, Ph.D.  
Acting President  
Professor of History
- SAMUEL O. GRIMM, A.M., Sc.D.  
Professor of Physics and Mathematics
- G. A. RICHIE, A.M., B.D., D.D.  
Professor of Religion and Greek
- STELLA J. STEVENSON, Ph.D.  
Professor of French and Spanish Language and Literature
- V. EARL LIGHT, Ph.D.  
Professor of Biological Science
- GEORGE G. STRUBLE, Ph.D.  
Professor of English
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Director, Conservatory of Music
- EDWARD P. RUTLEDGE, M.A.  
Director of Musical Organizations
- D. CLARK CARMEAN, M.A.  
Music Education and Director of Summer School
- MAUD P. LAUGHLIN, M.A.  
Professor of Sociology and Political Science
- HILBERT V. LOCHNER, M.A.  
Assistant Professor of Economics and Business
- RICHARD E. FOX B.S., M.S.  
Instructor in Economics
- LUELLA U. FRANK, A.M.  
Instructor in Spanish and German
- RALPH S. SHAY, A.B., M.A.  
Assistant Professor of History
- CLARA CHASSELL COOPER, Ph.D.  
Professor of Psychology
- ROBERT C. FAGAN, B.S., M.A.  
Professor of Psychology
- MRS. ROBERT C. FAGAN, B.S., M.A.  
Assistant Professor of French and Spanish Language and Literature
- MARION S. MILLER, B.S., M.A.  
Instructor in History
- HOWARD A. NEIDIG, Ph.D.  
Assistant Professor of Chemistry
- J. GORDON STARR, M.S.  
Instructor in Education
- LUCILLE STEVENS, M.A.  
Instructor in French and Spanish
- CHARLES B. ABLETT, B.S., M.S.  
Assistant Professor in Mathematics and Physics
- O. P. BOLLINGER, B.S., M.S.  
Assistant Professor of Biology
- BYRON LYNN HARRIMAN, A.B., M.Ed., M.A.  
Assistant Professor of Psychology in charge of testing
- GEORGE T. KERR, B.S., M.S.  
Assistant Professor of Chemistry
- RALPH R. RICKER, B.A., M.A.  
Assistant Professor of History
- JOHN P. SCHOLZ, Ph.D.  
Associate Professor of Mathematics
- CHARLES SLOCA, B.S., M.A., Ph.D.  
Assistant Professor of English
- W. MAYNARD SPARKS, A.B., B.D., Ed.M., D.D.  
Assistant Professor of Religion

## SUMMER SCHOOL BULLETIN

# GENERAL STATEMENT

Lebanon Valley College will offer in 1951 a twelve weeks' summer session, designed to meet the needs of those who desire an accelerated college course, cultural improvement, or teacher certification.

Courses which carry eight hours credit (such as Science or combinations of mathematics courses) will begin on June 11 and continue for eight weeks, ending on August 3. An additional course may be taken during the second six weeks period.

### REGISTRATION

Registration by mail in advance of the opening date of the session is urged.

### CREDITS

Credits will be issued to all students showing the courses attended, grades, and number of semester hours credit. Courses taken during the Summer Session are credited toward the college degrees. One hundred and twenty-six semester hours of academic credits are required for the bachelor degrees. For complete information concerning the requirements for degrees the candidate should refer to the college catalogue or write to the Registrar.

### ACCELERATED PROGRAM

Lebanon Valley College has established an accelerated program once more, for the benefit of young men who wish to finish as much college work as possible before being called to military service. A high school graduate may start as a Freshman on June 11, 1951, and, by continuing throughout the twelve weeks and the first regular semester beginning in September, he may finish the minimum requirements for his Freshman year by January, 1952.

### ATTENTION! VETERANS!

July 25, 1951, is an important date for veterans who intend to apply for educational or training benefits under the Serviceman's Readjustment Act (Public Law 346, 78th Congress). Veterans must apply for and commence their courses by July 25, 1951, or within four years after the date of discharge, whichever is the later.

Therefore, any veteran who wishes to apply for educational benefits under Public Law 346 at Lebanon Valley College must commence his training during the summer session, the second period of which commences on July 23, 1951, in order to comply with this VA regulation.

All veterans planning on entering Lebanon Valley College, who have not had previous training, should make arrangements in advance of entrance date to secure a Certificate of Eligibility and Entitlement from their local Veterans Administration Office. Any veteran who has received prior on-the-job, or institutional training, and is planning on entering Lebanon Valley College should contact the Veterans Administration Office to secure a Supplemental Certificate of Eligibility.

### EXPENSES

A registration fee of \$1.00 is charged each student.

The tuition fee is \$15.00 per semester hour credit.

In certain courses, incidental fees are charged. See specific course offerings for amounts of laboratory and other fees.

A student teaching fee of \$40.00 will be charged for Education S136 and Music S776.

The charge for private lessons in instrumental or vocal music will be at the rate of \$35.00 per semester, or at the rate of \$2.50 per half hour lesson.

A library and activity fee of \$2.00 will be charged and will be used for the library and for the promotion of student activities.

The College will operate the dining room if there is sufficient demand. The charge for board, in that case will be \$10.00 per week. Providing patronage warrants the opening of dormitories, the charge for rooms will be \$4.00 per week.

The fees are payable at the time of registration as a condition of admission to classes.

## SUMMER SCHOOL BULLETIN

### ARRANGEMENT OF COURSES OF STUDY

Lebanon Valley College offers four courses of study leading to the Baccalaureate degree:

- (1) A course leading to the degree of Bachelor of Arts (A.B.)
- (2) A course leading to the degree of Bachelor of Science (B.S.)
- (3) A course leading to the degree of Bachelor of Science (B.S.) in Chemistry.
- (4) A course in Music Education leading to a degree of Bachelor of Science of 1 quality point per credit hour.

The total number of credits required of candidates for these degrees, is in each case, 126 semester hours of academic credits and 4 in physical education.

Candidates for degrees must also obtain a minimum of 130 quality points, computed as follows: for a grade of A, 3 points for each credit hour; for a grade of B, 2 points for each credit hour; for a grade of C, 1 point for each credit hour. No quality credit will be given for a grade of D. A grade of F shall entail a loss of 1 quality credit point per credit hour.

As part of this total requirement, every candidate must present at least 24 semester hours in one department (to be known as his Major), and at least 18 semester hours in another department (to be known as his Minor). Both Major and Minor must be selected not later than the beginning of the Junior year, the Minor to be suitably related to the Major, and chosen with the advice and approval of the Head of the Major department. Majors in education must have two Minors.

The A.B. degree will be awarded to those fulfilling the requirements for a Major in the following departments: English, French, German, Greek, History, Latin, Mathematics (Arts option), Political Science, Religion, Sociology, Spanish, Philosophy, and Psychology. The B.S. degree will be awarded to those fulfilling the requirements for a Major in the following departments: Biology, Chemistry, Economics and Business, Education, Mathematics (Science option), Music Education, and Physics.

Certain courses embodying the fundamentals of a liberal education are required of all students. These courses which vary slightly according to the degree sought, are as follows:

For the A.B. and B.S. degrees, except for the B.S. with major in Music Education

	Semester Hours
English 10a—10b (Composition) .....	6
Foreign Language (above beginner's level) .....	6
General Education 20 (Humanities) .....	8
General Education 30 (Social Studies) .....	8
History 24a—24b (United States) .....	6
Hygiene (Lectures for Freshmen) .....	(No credit)
Mathematics (required for B.S. degree only) .....	9 to 15
Orientation (Lectures for Freshmen) .....	(No credit)
Physical Education .....	4
Psychology 20 .....	3
Religion 10a—10b or 11 .....	4
Religion 32, or Philosophy 31 .....	2 or 3
*Science (Biology 12, Chemistry 10, or Physics 20, 21) .....	8

\*A general education course in science is in preparation.

### SPECIAL REQUIREMENTS

In addition to the General Requirements listed above some of the departments require students majoring therein to take certain additional courses in subjects closely related to the Major.

Students outlining a course for a degree should communicate at once with the Head of the Department in which they intend to Major.

Candidates for the Baccalaureate degree who desire to be admitted to advanced standing by virtue of work done in other institutions, should lose no time in having their credits evaluated by the Dean of the College, in order that they may be informed as to what requirements they must meet for graduation.



## **SUMMER SCHOOL BULLETIN**

### **RESIDENCE REQUIREMENTS**

As a pre-requisite to the granting of all degrees the candidate must have completed a minimum of 30 semester hours work in regularly conducted classes on the college campus. Teachers in service may meet this requirement by attending the Summer School and Evening classes held during the year at the college. Credits earned in extension classes are not residence credits.

### **RECREATION**

Lebanon Valley College Summer Session offers recreation in the following: Archery, Badminton, Hand Ball, Organized Hikes, Tennis and Volley Ball. Swimming facilities are available within a short distance of the college, and at Hershey and Mt. Gretna. For those interested in Golf, Hershey has the finest public golf course and club house in the East.

Various social affairs, such as picnics, teas, and trips to historical places, museums and industrial plants will be arranged under the auspices of the summer school.

### **SITUATION**

Annville, the home of Lebanon Valley College, is ideally situated on the Benjamin Franklin Highway, twenty miles east of Harrisburg. Mt. Gretna, nationally famous summer resort, lies but seven miles south. Hershey, Pennsylvania's recreational center, is located seven miles west and is easily reached by bus, train or auto. Indiantown Gap is situated only about ten miles northwest of Annville.

## **EXTENSION AND EVENING COURSES**

For many years Lebanon Valley College, through extension and evening courses, has enabled teachers, state employees, and others in active employment to attend college courses and secure academic degrees. Through these courses teachers may meet the certification requirements of the State Department in the secondary field.

Extension courses are offered in the Central School Building, Forster Street, Harrisburg, evenings from 7:00 to 9:00 P. M.

A limited number of classes will be held at the College in Annville, evenings from 6:30 to 8:15 P. M., and from 8:15 to 10:00 P. M.

Extension and evening classes begin the week of September 17, 1951.

Students interested in extension and evening class work should write to Director of Extension and Evening Classes for information. The Director, D. Clark Carmean, will appreciate suggestions as to what courses may be desired.

### **TEACHER CERTIFICATION**

Numerous inquiries have been received concerning courses for teachers desirous of re-entering the profession and from teachers who wish to secure certification in additional fields. Most of the courses offered in the Summer Session will serve as refresher courses in addition to offering credit for certification.

If there is a sufficient demand, additional courses will be offered. If the course in which you are interested is not listed in this Bulletin, write to the Director of the Summer School.

## SUMMER SCHOOL BULLETIN

# DESCRIPTION OF COURSES

### BIOLOGY

**S18 General Biology.** A course in the general principles of Biology including the consideration of both plants and animals, their relation to their environment and to each other, the principle of metabolism, growth, differentiation, adaptation reproduction, evolution and human welfare.

The summer period offers a distinct advantage for biological work in that much more of the work may be done in the natural habitat of the organisms under consideration.

The work will require a one and a half hour lecture period each day, also 30 two-hour laboratory periods throughout the eight weeks' summer session. The laboratory fee is \$16.00. Eight semester hours credit.

**S20 Geology.** A general course in historical and structural geology giving attention to the processes and dynamic agencies by which the crust of the earth has been formed and evolved into its present condition, with special attention to the fossil remains of plants and animals therein contained. The course includes lectures and discussions and laboratory and field studies of material. Eight semester hours credit. Laboratory fee—\$10.00.

**S22. Genetics** This course deals with the mechanism and laws of heredity and variation, and their practical application. Four semester hours credit. Pre-requisite—a general course in Biology.

**S23 Entomology.** This course is designed to acquaint the student with the various orders of insects, their characteristics and life histories, and includes a study of forms of economic importance. Field trips and a carefully prepared collection of insects are supplementary to the class work. Pre-requisites—a general course in Biology. Four semester hours credit.

**S28 Botany.** Field studies of the summer flora. Designed especially for Pre-veterinary and Pre-medical students and those preparing to teach Biology in secondary schools and others interested in the study of plant life.

Emphasis will be given plants known to cause or cure diseases in man or other animals. References will be assigned on local plants from which drugs are derived, their preparation and use.

Each student will need Gray's Manual, 7th edition. A plant press (optional) if a herbarium is desired, and clothing suitable for traveling thru trackless fields and mountains. Laboratory fee is \$14.00 Eight semester hours credit.

### CHEMISTRY

**S10 General Inorganic Chemistry.** A systematic study of the fundamental principles of Chemistry and a study of the sources, properties and uses of the important elements and compounds. Eight semester hours credit. Laboratory fee \$16.00. Eight weeks.

**S20 Qualitative Analysis.** Inorganic. Four semester hours credit. Laboratory fee, \$10.00.

**S21 Quantitative Analysis.** Four semester hours credit. Laboratory fee, \$10.00.

**S22 Organic Chemistry.** A study of the sources, classification and type reactions of organic materials. Eight semester hours credit. Laboratory fee, \$24.00. Eight weeks.

**S41 Organic Preparations.** An advanced course in the synthesis of organic compounds. Pre-requisites: College Organic Chemistry and Analytical Chemistry. Two to four semester hours credit. Laboratory fee \$10.00..



## SUMMER SCHOOL BULLETIN

### ECONOMICS AND BUSINESS

#### **S10 Economic Geography.** First six weeks.

The course deals with the field and function of Economic Geography; distribution of population; the earth; land forms; influence of soils; temperature; winds and ocean currents; climates of the world. Much of the course will deal with the more important commodities of the world's trade—their production, export and import in the various countries of the World. Stress will be laid on the chief sources of raw materials and their industrial uses and the marketing and transportation problems connected therewith. Three semester hours credit.

#### **S11 Introduction to Business.** Either six weeks.

This course presents an understanding of our present business set-up. It makes an analysis of our business system as a whole and of its various divisions, and presents business in its relations to the broader aspects of our national life. It provides a background for the more specialized business courses that follow. The course is valuable to all students, whether or not they are majoring in business. Three semester hours credit.

#### **S20 Principles of Economics.** Twelve weeks.

An introductory course in Economics designed to explain the fundamental principles of underlying economic theory. It treats on the subject matter of Economics: Productive enterprise; income and consumption; value theories; money and prices; functional and institutional distribution of wealth and income; foreign exchange; international economic relations. Pre-requisite or co-requisite for courses of a higher number within the Department of Economics. Three semester hours credit.

#### **S35 Marketing.** First six weeks.

Methods and policies of the marketing of agricultural products and the merchandising of manufactured commodities; meaning and importance of marketing distribution; marketing functions; trade channels; development of marketing methods; co-operative marketing; price policies; trade information; market analysis; merchandising costs and prices; an analysis of the merits and defects of the existing distributive organization. Three semester hours credit.

#### **S36 Money and Banking.** Second six weeks.

This course deals with the nature and functions of money; monetary standards and systems; monetary development in the United States; the National banking system; the structure and functions of the Federal Reserve System; commercial banking; credit and its uses; credit control. Three semester hours credit.

#### **S38 International Economics.** Second six weeks.

This course includes the study of international trade; foreign exchange; protectionism; and the economic interdependence of nations. Current international economic problems will be studied. Three semester hours credit.

#### **S39 Office Management and Control.**

Scientific management in the office; standardization and standards; fundamentals of office organization; physical facilities; equipment; records and reports; correspondence; filing; personnel relations of office work; managerial control of office output. Three semester hours credit.

#### **S41 Advertising Principles.** First six weeks.

Planning of advertising campaigns; making appropriations; selecting media; appropriate packages; dealer aids; window displays; trade name, mark, and slogan. The study of psychological principles applicable to preparing advertising copy; the layout. Three semester hours credit.

#### **S46 Transportation.** Second six weeks.

The various types of transportation systems and services; costs; regulation by State and Federal government; rates and rate technique; valuation and rate of return; combinations; labor in the transport industries; public aids to the transport industries; and government ownership. Three semester hours credit.



LIBRARY

## SUMMER SCHOOL BULLETIN

### **S47 Principles of Insurance.** First six weeks.

The fundamental principles of insurance and their functions in modern economic life. It includes the various kinds of life, fire, and casualty insurance policies, and the problems of the insurer and the insured. Three semester hours credit.

### **S48 Labor Problems.** Second six weeks.

The nature of the labor problem; the rise of industry and labor; the new technology and the wage earner; unemployment; the problem of child and woman labor; hours of labor; industrial accidents; unemployment insurance; old age pensions; economic program of organized labor; industrial conflict; agencies of industrial peace; modern industrial policies; international control of labor relations. Three semester hours credit.

## EDUCATION

In anticipation of the time when a fifth year of work may be required of secondary teachers, Lebanon Valley College has so arranged sequences of courses that its students may, upon graduation, continue graduate courses in the Schools of Education of the University of Pennsylvania and Temple University without loss of time or credits in securing the masters degree. Lebanon Valley College will continue to offer work leading to the granting of the provisional certificate and for teachers who do not desire a master's degree, such work as is at present required for the college permanent certificate.

**S32 Educational Foundations.** This course attempts to acquaint the student with historical and philosophical trends and issues. Covering the period from primitive times down to the present, it presents the aims, content, and organization of the educational systems as practiced by various countries, and presents the great leaders of educational thought. Three semester hours credit.

**S30 Educational Measurements.** Preparation for testing by the classroom teacher is offered through studying principles of validity and reliability, appraising and constructing tests, and considering the use of results. Laboratory fee of \$1.00. Three semester hours credit.

**S47 Principles and Techniques of Secondary School Teaching.** A study of principles, practices, and methods with their significance to secondary school teaching. Three semester hours credit.

**S20 Introduction to Education.** An introduction to the field of education through the study of the American educational system, the place of the school in society, the training and function of the teacher. Three semester hours credit.

**S45 Visual and Sensory Techniques.** Psychological bases for sensory aids; use of apparatus; sources of equipment and supplies. Laboratory fee of \$4.00. Three semester hours credit.

**S40 Student Teaching.** This course is designed to meet the minimum student teaching requirements for Pennsylvania certification in public school teaching. In addition to the regular summer school tuition, a laboratory fee of \$40.00 is charged. This course will be given in Hershey, Pa.

Mr. Raymond Koch, Supt. of Derry Township School is the Director in charge of the Hershey program and is directly responsible to Lebanon Valley College. Mr. Lange, the High School principal, and a selected corps of instructors from the same system act as Master Teachers. Six semester hours credit.

### **S49 Workshop in English.** Second six weeks.

Methods and techniques in teaching English. Laboratory work in the use of special devices. Three semester hours credit.

## SUMMER SCHOOL BULLETIN

### ENGLISH

#### **S10a—10b English Composition.** First and Second periods.

This course must be taken by all entering students except those who are found to be already proficient in written English, and who would therefore profit more by taking an advanced course in literature (English 20a—20b) or composition (English 23). Three or six semester hours credit.

#### **S20a Introduction to Literature.** Second six weeks.

The purpose of this course is to familiarize student with selected masterpieces of world literature, their backgrounds and techniques, in such a way as to give him a greater appreciation of the spirit of man in its highest forms of literary expression. Three semester hours credit.

#### **S21a American Literature: From the Beginning to the Civil War.**

Second six weeks.

An attempt, through the study of native authors, to see in perspective the evolving American mind; to observe how Puritanism, the Cavalier spirit, and the Romantic Movement have contributed to making us what we are; and to understand the spiritual resources of which we are the heirs. Three semester hours credit.

#### **S22 Public Speaking.** First six weeks.

This course is required of all prospective teachers. Three semester hours credit.

#### **S24 Contemporary American Literature.** First six weeks.

An analysis of American thought as it is expressed in the literature produced in America since World War I. Three semester hours credit.

#### **S49 Workshop in English.** Second six weeks.

Methods and techniques in teaching English. Laboratory work in the use of special devices. Three semester hours credit.

### FRENCH

**S1 Elementary French.** This course is intended for those who begin French in College. Its aim is to enable the student to write simple French sentences, to carry on a conversation in easy French, and to read French of ordinary difficulty. College credit of six semester hours will be granted for this course, if followed by French 10, but it cannot be counted toward a major.

**S10 First Year College French.** This course pre-supposes two years of high school French. It includes further drill in the principles of grammar, practice in conversation, composition, and dictation, and more extensive reading. Six semester hours credit.

### GERMAN

**S10 Modern German Literature.** Reading of nineteenth and twentieth century literature combined with a study of geography, history, and art. Grammar and composition. Six semester hours credit.

### SPANISH

**S1 Elementary Spanish.** This course is intended for those who begin Spanish in college. Its aim is to enable students to write simple Spanish sentences, to carry on a conversation in easy Spanish, and to read Spanish of ordinary difficulty. College credit of six semester hours will be granted for this course if followed by Spanish 10.

**S10 First Year College Spanish.** This is a continuation and extension of course 16 and includes further drill in the principles of grammar, practice in conversation, composition, and dictation, and more extensive reading. For entrance to Spanish 10, the preparatory course 1, or its equivalent (two years of high school Spanish) will be required. Six semester hours credit.



## SUMMER SCHOOL BULLETIN

### HISTORY

#### **S10 The History of Western Civilization.**

It is the purpose of this course to introduce the student to the principal developments of mankind from early historical times to the present. Emphasis will be placed upon the history of Western civilization in its political, social, and cultural achievements. Some attention is also given to proper forms of note taking, the preparation of reports, and the elements of research. Three semester hours credit.

#### **S21 The Renaissance and Reformation.** First six weeks.

A study of the political, economic, cultural, and religious changes that occurred from the thirteenth to the sixteenth centuries. Special attention is given to the artistic developments of the Renaissance. Three semester hours credit.

#### **S22 Seventeenth and Eighteenth Century Europe.** Second six weeks.

This course includes a study of the Wars of Religion, the Age of Louis XIV, the Old Regime in France, the French Revolution, Napoleon, and the Congress of Vienna. Three semester hours credit.

#### **S24a—b Political and Social History of the United States and Pennsylvania.**

A general survey of American history from Colonial times to the present. A study of the importance of Pennsylvania's contribution to the development of the nation will be stressed. This course is designed to fulfill the state requirements for United States and Pennsylvania history. Six semester hours credit.

#### **S31 Europe from 1815 to 1914.** First six weeks.

Nineteenth Century Europe from the Congress of Vienna to the outbreak of World War I. Three semester hours credit.

#### **S32 Europe from 1914 to the Present.** Second six weeks.

A study of the World War I and World War II. Emphasis will be placed upon current history. Three semester hours credit.

### MATHEMATICS

#### **S1 Introductory Algebra.**

Designed as a refresher and remedial mathematics course. No college credit.

#### **S13 College Algebra.**

Minimum contents: Factoring, fractions, exponents and radicals, logarithms, linear and simultaneous linear equations, quadratic equations, systems of quadratic equations, variation, binomial theorem, theory of equations through Horner's method. Three semester hours credit.

#### **S19 Mathematics of Finance.**

The course seeks to present the mathematical principles and operations used in financial work. A detailed study of compound interest, compound discount, and annuities is undertaken. Application of these principles is then made to practical problems of amortization, sinking funds, depreciation, valuations of bonds and building and loan associations. Three semester hours credit.

#### **S33 Differential Calculus.**

Differentiation of algebraic and transcendental functions, maxima and minima, rates, some anti-derivatives. Four semester hours credit.

Pre-requisite: Mathematics 20.

#### **S34 Integral Calculus.**

Formal integration rules and applications, constant of integration, the definite integral with applications to surfaces, volumes, work, and centroid, multiple integration, and some partial derivatives. Four semester hours credit.

#### **S40 Differential Equations.**

A course in the elements of differential equations.

Pre-requisite: Mathematics 33, 34 and 35. Four semester hours credit.

## SUMMER SCHOOL BULLETIN

### **S41 Survey of Mathematics.**

This course is designed to give the student an appreciation of the various fields of mathematics with regard to their content and methods, rather than a manipulative mastery. It would be particularly suitable to mathematics teachers in not only affording them a review for subjects already taken in college, but also in acquainting them with areas in which no specific study has been made. Topics from algebra, geometry, analysis, and applied mathematics will be discussed. Four semester hours credit.

## **PHILOSOPHY**

**S32 Ethics.** The aim of this course is to acquaint the student with the academic ethical problems, and to effect an awakening and a strengthening of the moral sense. This is a required course for all students proceeding to a degree. Two semester hours credit.

## **PHYSICS**

**S20 General College Physics.** The Conventional Course in General College Physics will be offered during the summer session. There will be at least nine hours of lectures and recitations together with a minimum of eight hours of laboratory work per week. Credit 8 semester hours. Laboratory fee \$20.00 Eight weeks.

## **POLITICAL SCIENCE**

**S10a American Government and Politics.** An introduction to the study of government in the United States. A study of the relationships which exist between municipal, state, and national government, a comparison of the governmental powers exercised by each of these units, and a consideration of the institutions through which these functions are exercised. Some attention is devoted to current world affairs Three semester hours credit. First six weeks.

## **PSYCHOLOGY**

**S20 General Psychology.** Restricted to sophomores and upper classmen except by consent of the departmental adviser. A beginning course in general psychology, designed to acquaint the student with the fundamental psychological principles and their application in daily life. Lectures and discussions. Three semester hours credit. First six weeks.

**S21 Psychology of Childhood.** A study of the psychological development of the child from the beginning of life to adolescence. Throughout the course emphasis is placed upon practical problems of child care and training. Topics considered include the development of proper physical and health habits, children's questions, religious and sex instruction, emotional and personality problems, problems of family life and relationships, behavior problems and discipline, and problems of school life and relationships. Lectures, assigned readings, and panel discussions. Fee, \$1.00. Pre-requisite: Psychology 20. Three semester hours credit. First six weeks.

**S22 Mental Hygiene.** A study of wholesome and effective personality adjustments, including the causes and treatment of the more common social and emotional maladjustments. Pre-requisite: Psychology 20. Three semester hours credit. First or Second six weeks.

**S23 Educational Psychology.** A psychological study of the nature of the learner and the nature of the learning process. It includes such topics as individual differences, motivation, emotion, and transfer of training. Pre-requisite: Psychology 20. Three semester hours credit. Second six weeks.

**S30 Applied Psychology.** A survey of the applications of psychology to the various fields of human relations. Among the areas covered are vocational guidance, human adjustment, public opinion and propaganda, industry, business, work and efficiency, and clinical practice. Lectures, discussions, special reports, and field trips. Fee, \$2.00. Pre-requisite: Psychology 20. Three semester hours credit. Second six weeks.



## SUMMER SCHOOL BULLETIN

**S31 Psychology of Adolescence.** A study of the individual's development from childhood to maturity. Characteristic features of physical, intellectual, social, emotional, and moral and religious growth are considered in detail, with practical application to problems of educational, vocational, and heterosexual adjustment. Lectures, discussions, assigned readings, and case studies. Pre-requisite: Psychology 20. Three semester hours credit.

### RELIGION

**S10a-S10b Introduction to English Bible.** An appreciative and historical survey of the literature of the Old and New Testaments. This is a required course for all students proceeding to a degree. Three or Six semester hours credit. Either six weeks or both.

**S32 The Teaching of Jesus.** This course attempts an intensive study of the religious concepts of Jesus as set forth in the Gospels. Required of all proceeding to a college degree at Lebanon Valley College. Three or Six semester hours credit. Either six weeks or both.

### SOCIOLOGY

**S20 Introductory Sociology.** The nature of man's social heritage, the bearing of group life upon the individual's personality, the development of social institutions and community life, and the forces involved in social change and reorganization are the principal topics studied in this course. Three semester hours credit. First six weeks.



CONSERVATORY OF MUSIC

# SUMMER SCHOOL BULLETIN

## CONSERVATORY OF MUSIC

MARY E. GILLESPIE, M.A. ....	Director
EDWARD P. RUTLEDGE, M.A. ....	Musical Organizations
D. CLARK CARMEAN, M.A. ....	Music Education
FRANK STACHOW, M.A. ....	Instrumental
ELIZABETH KAHO, M.A. (Leave of absence) ....	Theory, Piano
R. PORTER CAMPBELL, Mus.B. ....	Organ
HAROLD MALSH ....	Violin
ALEXANDER CRAWFORD ....	Voice
REYNALDO ROVERS ....	Voice
RUTH E. BENDER, A.B. ....	Piano
WILLIAM FAIRLAMB ....	Piano
NEVILLE LANDOR ....	Voice
JANE HOLLIDAY ....	Music Education and 'cello
SHIRLEY STAGG ....	Piano
BEN JONES ....	Piano
MILTON ROGERS ....	Theory

The aim of Lebanon Valley College Conservatory is to teach music historically and aesthetically as an element of liberal culture; to offer courses that will give a thorough and practical understanding of theory and composition; and to train artists and teachers.

The Conservatory of the college is one of a limited number of institutions offering courses in Public-School Music for teachers and supervisors approved for certification by the Pennsylvania State Council of Education.

Professors Crawford, Malsh and Campbell will be available during the summer term for private instruction in their respective fields. Persons interested in private instruction should address them individually and complete arrangements in advance of the opening date.

Professor Rutledge will be available for private instruction in woodwinds and brass.

The charge for private lessons in vocal or instrumental music is at the rate of \$35.00 per semester, or at the rate of \$2.50 per half hour lesson.

### STUDENT TEACHING 40

Six semester hours credit.

Students requiring practice teaching in Instrumental Music may make arrangements to do their practice teaching in the Demonstration School in Annville. Student teaching fee is \$40.00.

### SOLFEGGIO 20

Professor Gillespie

Two semester hours credit.

A continuation with exercises and songs of increasing difficulty both tonal and rhythmic. Emphasis on reading from any clef. Study and application of additional tempo, dynamic and interpretive markings.

Speed and accuracy are demanded. New material is constantly used, resulting in an extensive survey of song material.

### MUSIC LITERATURE 32

Professor Gillespie

Three semester hours credit.

Study of instrumental music literature for use of teaching all phases of appreciation in public schools.

## SUMMER SCHOOL BULLETIN

### INSTRUMENTAL MUSIC

Professor Rutledge

Class instruction is offered for beginners, on:

BRASS 1—(Trumpet, Cornet, Alto, French Horn, Trombone, Baritone, or Tuba)—1 hour credit.

ADVANCED BRASS—1 hour credit.

PERCUSSION (Drums)—1 hour credit.

PERCUSSION (Advanced)—1 hour credit.

### METHODS 20: Child Voice and Rote Songs with Materials and Methods for Grades 1, 2, 3. Professor Gillespie

Three semester hours credit.

A comprehensive study of the use of child's singing voice in the primary grades, including the treatment of monotones, acquaintance with the best collections of rote songs, and practice in choosing, memorizing, singing, and presenting a large number of these songs; methods of presenting rhythm through singing games and simple interpretive movements; beginnings of directed music appreciation; foundation studies for later technical developments. Comparative study of recognized Public School Music Series.

### METHODS 30: All Materials and Methods for Grades 4, 5, 6. Professor Gillespie

Three semester hours credit.

A study of the child's singing voice in the intermediate grades; special attention to the formal or technical work of these grades, with an evaluation of important texts and recent approaches. Preparation of lesson plans, making of outlines, and observation is required. Music appreciation is continued.

### METHODS 31: Materials and Methods, Junior and Senior High School Professor Gillespie

Three semester hours credit.

The junior and senior high school problems are treated separately through an analysis of the specific problems, year by year or in special groups. Attention is given to materials and methods relative to the organization and directing of choruses, glee clubs, orchestra, band, elementary theory, music appreciation, and class instruction in band and orchestral instruments; study in the testing and care of the adolescent voice.

### METHODS 40: Advanced Problems. Professor Rutledge

Three semester hours credit.

A study of the general and specific problems which confront the director of school orchestras, bands, and instrumental classes. Problems of general interest will include (1) organization and management, (2) stimulating and maintaining interest, (3) selection of beginners, (4) scheduling rehearsals and class lessons, (5) financing and purchasing instruments, uniforms, and other equipment, (6) marching bands—formations and drills, (7) evaluating music materials, (8) festivals, contests, and public performances.

### HARMONY 31: (Composition and Orchestration). Professor Rutledge

Three semester hours credit.

Original composition is continued in various vocal and instrumental forms. This course offers opportunity and guidance in arranging music for various combinations of instruments and voice, including band, orchestra, and chorus. The best productions of the class will be given public performance.





